PCT

 RAW SEQUENCE LISTING
 TATEL = \$1.25\TEM1

 PACENT APPLICATION
 US/09/786,436
 11MF = 0.45 ±5

Input Set = A^\Seqlist.txt
-output Set = N \CRF3\03232001\I786436.raw

ENTERED

```
4 - 110 - APPLICANT: Wagner - Hermann
                Lipford, Grayson
                Heeg. Elaus
       3 - 120 - HILLE OF INVENTION: G Motif of penucleotides and Uses
                Thereof
      1 PARO - FILE REFERENCE C1041/7016 (AWS)
C--> 13 <140> CURRENT APPLICATION NUMBER: US,'09,'786,436
C--> 13 <141> CURRENT FILING DATE: 2001-03-02
      13 - 150 - PRIOR APPLICATION NUMBER: PCI/FP99/05502
      14 - 151 - PRIOR FILING DATE: 1999-09-03
      16 \times 160 \times \text{NUMBER OF SEQ ID NOS: } 42
     18 170 - SOFIWARE: First SEQ for Windows Version 3 0 20 - 210 - SEQ 1D NO: 1
      2 - 211 LENGTH: 21
     2.1 + 212 TYPE DNA
     25 + 213\% ÖRGANIŞM; Artificial Sequence
      25 - 220 FEATURE:
      2\ell > 223 \pm \omega THER INFORMATION: Synthetic eligenucleotide
      28 \times 400^{\circ} SEQUENCE: 1
      39 intertagegg gggcgtocta t
                                                                                                21
     31 - 210: SEQ 10 No: 2
     #1 -2*1- LENGTE 21
3. -212- TYPE, DNA
     34 - 2131 ORGANISM Artificial Sequence
      36 -2200 FEATURE:
      37 - 223% OTHER INFORMATION: Synthetic oligenucleotide
     36 - 400 SEQUENCE .
     4° erectaqtyq qqqtuteeta t
                                                                                                2.1
     42 \times 210. SEQ ID NO: 3
     4 - 2115 LENGTH: 21
     44 - 212% TYPE DNA
     4^{\circ}>2140 OPGANISM /rtificial sequence 4^{\circ}>220^{\circ} FEATURE.
     48 \times 2235 OTHER INFOLMATION: Synthetic oliqunucleotide
     50 + 400% SEQUENCE
     fil chochattqq qqqtttccta f
     54 210" SEQ ID NO: 4
54 -2115 LENGTH: 31
     5.5 + 2.12 * \text{ FYPE: DNA}
     5.6 \sim 213^\circ ORGANISM Zrtificial Sequence
     58 - 220 > FEATURE:
     59 - 223 - OTHER INFORMATION: Synthetic oligonucleotide
     n1 -400 SEQUENCE 4
     62 ofectating additiontalt
                                                                                                21
     \pm 4 + 210^{\circ} \cdot \text{ SEQ. ID. NOT.} 5
     n5 \times 211^{\circ} LFNGTH: 11
     66 \times 212 = \text{TYPE}_{\odot} \text{ PNZ}
```





RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/786,436

1A1E: 03/23/2001 11ME: 93.43-125

Input Set | A:',Seqlist.trt utpit Set: N:',CRF3\03232001\1786436.raw

| ыт «gib» «РЭАЛІЯМ - Artifichal Sequence | |
|---|------------|
| N. W. LOVE FEATIFFE | |
| Triggs offer indepmail No Synthetic office nucleation | |
| 72 - 1000 SECTENCE . | |
| Transfer transfer to the state of the state | ! |
| 75 - 210 : ≦EQ ID NO: 5 | |
| 76 - 2 (1) FNGTH: 21 | |
| 77 + 2120 TYPE: [NA | |
| 78 - 213 ORGANISM Artifficial Sequence | |
| BO + 2202 FEATORE: | |
| 81 - 223. OTHER INFORMATION: Synthetic oligonucleotide | |
| 83 - 400 SECUENCE 5 | |
| 84 offictation against ontain | <i>2</i> 1 |
| 86 - 210 SEO ID NO: 7 | |
| 87 211. LFNGIH: 21 | |
| 88 * 212 * TYPE DNA | |
| 89 - 213: ORGANISM Artificial Sequence | |
| 91 - 220t FFACURE: | |
| 42 - 223: OTHER INFORMATION: Synthetic oligonacleotide | |
| 94 400% SEQUENCE 7 | |
| 95 of colatiting granticola t | 21 |
| 97 - 210> SEQ ID NO: 3 | |
| 98 <211: LENGTH: 21 | |
| 99 (212) TYPE: DNA | |
| 100 <21 > ORGANISM: artificial Sequence | |
| 102 + 22C> FEATURE | |
| [0] -22 DOTHER INFORMATION: Synthetic oligonucleotide | |
| 195 - 400 · SEQUENCE: 3 | |
| 106 cfcctattga gggtttccta t | 21 |
| 108 - 210. SEQ ID NO: 4 | |
| 109 - 211: LENGTH: 21 | |
| 110 + 212> TYPE: DNA | |
| 11' -213: ORGANISM: Artificial Sequence | |
| 11+ ~220: FEATURE | |
| 114 - 2235 OTHER INFORMATION: Synthetic oligonucleotide | |
| 116 - 4008 SEQUENCE: 9 | |
| 11" ctcctuttgc gggtttccta t | 2.1 |
| 119 - 2100 SEQ ID NO: 10 | |
| 120 - 2112 LENGTH: 21 | |
| 121 - 212: TYPE: DNA | |
| 12 21 : ORGANISM: Artificial Sequence | |
| 124 + 22Ga FEATURE | |
| 12° + 22° OTHER INFORMATION: Synthetic oligonucleotide | |
| 12" + 400% SEQUENCE: | |
| 128 ctctattgg gagtttccta t | 21 |
| 136 s.210s SEQ ID NO: 11 | |
| 131 - 211: LENGTH: 21 | |
| 132 - 212> TYPE. DNA | |
| 13" %213> ORGANISM: Artificial Sequence | |
| 1 1 1 | |
| | |





RAW SEQUENCE LISTING PATENT APPLICATION: US/09/786,436

DATE: 03/23/2001 IIME: 04:45:25

| 135 - 220 × FhallPE: | |
|--|-----|
| [• to OTHER INFORMATION: Southering all notate boy toba | |
| 138 400 SEQUENCE1 | |
| िक्र परिचर्य व्यवस्था विष्युवार चर्चन दे | 21 |
| 141 210; SEQ III NO: 10 | |
| [42 21] LENGTH: 21 | |
| 14 % 212% TYPE: DNA | |
| 144 21: OBGANISM: Artiticia Sequence | |
| 146 326 FEATURE: | |
| 147 *22 OTHER INFORMATION; Synthemic officing feotide | |
| 14 - 400 SEQUENCE: -2 | |
| 15) հիեցիինաց գահանինին և | 2.1 |
| 1°2 210 SFQ 40 NO: 13 | - |
| 153 210 LENGTH: 21 | |
| 154 - 21.* TYPE: DNA | |
| 155 - 21 · ORGANISM: Artificial Sequence | |
| 157 - 220 FFATURE: | |
| 158 - 22 OTHER INFORMATION: Synthetic objecting leading | |
| 16b + 40b SEQUENCE: 13 | |
| 161 ggggghhhhh hhhhinhahhh h | 21 |
| 153 - 210: SFQ 1D NO: .4 | 2. |
| 164 - 2117 LENGTH: 21 | |
| 165 - 210 TYPE. DNA | |
| 16 - 21 : ORGANISM: Artificia Sequence | |
| 168 02201 FEATURE: | |
| 169 -22:: OTHER INFORMATION: Synthetic oligonucleotide | |
| 171 (400) SFQUENCE: 4 | |
| 1°2 - hhld hhhhhh hhhhhagggg g | 21 |
| 174 - 210: SEQ ID NO: .5 | |
| 175 /211 LENGTH: 17 | |
| 176 + 212 > TYPE: DNA | |
| 177 - 217: ORGANISM: Artificial Sequence | |
| 179 - 220° FEATURE: | |
| 180 × 22 · OTEFR INFORMATION: Synthetic oligonucleotide | |
| 182 400) SEQUENCE:5 | |
| 183 hhht.hwgggg ginhhlift | 17 |
| 185 - 210s SEQ ID NO: 16 | |
| 18b + 211: 1 ENOTH: 13 | |
| 187 + 212x TYPE: DNA | |
| 188 - 21 % ORGANISM: Artificial Segmence | |
| 190 + 22C> FEATURE: | |
| 191 - 22 C OTHER INFORMATION: Synthetic oligonucleotide | |
| 193 - 400: SEQUENCE: 46 | |
| 194 hhby gagagh hhh | 13 |
| 196 <210% SEQ ID NO: 37 | |
| 197 (211) LENGTH: 18 | |
| 198 - 2125 TYPE, DNA | |
| 199 - 213% ORGANISM: Artificial Sequence | |
| 201 - 2205 FEATURE: | |
| | |





RAW SEQUENCE LISTING PATENT APPLITATION: US/09/786,436

DATE: 4/24/2001 CIME: -(45:25

| 20% - 22 confident information: Southern the received of the | |
|--|------|
| = 1 + 1 tm / SEQUENCE | |
| 🚅 📑 🔭 १ स्वतंत्वन्ययं । अयो जनस्य | ; si |
| United Style 10 Not 18 | |
| _008 Mills CHNGIH: 20 | |
| 200 - 2125 PVPE: DNA | |
| 210 Fully ORGANISM: Artificial Sequence | |
| Lin + 220 + FEATURE: | |
| lls -1,3 + OTHER INFO∵MATION. Synthetic office mucle fide | |
| 15 + 4 0 → SEQUENCE = 8 | |
| 21% स्वत्वव्यव्यव्य व्यव्यव्यव्यव्य व्य | 231 |
| IN II. SEQ ID NO: 19 | |
| 21 € + 211 > LENGTH: 20 | |
| 221 - 2128 TYPE: DNA | |
| 1.11 - 21 Ba OBUANISM: Artificia. Sequence | |
| 22 (- 220 > FFATURE: | |
| 224 - 2235 O HER INFORMATION: Synthetic ofigonucleotide | |
| 220 - 1001 - SEQUENCE: 9 | |
| U27 - १८वर्ग तव्यव्य - त्यव्यव्यव्यव्यव्य | 20 |
| 229 - 210 _m SEQ ID NO: 20 | |
| 2 (0 × 211) LENGTH: 21 | |
| 2+1 + 212 TYPE: DNA | |
| 232 3213: ORGANISM: Artificia Sequence | |
| 2 (4 + 220) FEATURE: | |
| 235 - 223 OTHER INFORMATION: Synthetic oligonucleotide | |
| 2:67 + 4000 SEQUENCE: 20 | |
| 238 intectadigg tigigienta i | 21 |
| 240 - 210 SEQ ID NO: 2+ | |
| 241 - 2112 LENGTH: 21 | |
| 242 + 212 TYPE: DNA | |
| 243 - 213): OFGANISM: Artificia, Sequence | |
| 245 - 220. FFATURE: | |
| 246 - 223% OTHER INFÖRMATIÖN: Synthetic oligonucleotide | |
| 248 - 100% SEQUENCE: 21 | |
| 249 ctoctastig tittutocia i | 21 |
| 251 + 2104 SEQ ID NO: 22 | |
| 252 - 211: LENGTH: 21 | |
| 253 -212) TYPE: ONA | |
| 254 - 213: OEGANISM: Artificial Sequence | |
| 256 - 220: FFATURE: | |
| 257 - 223; OTHER INFORMATION: Synthetic oligonucleotide | |
| 259 - 4005 SEQUENCE: 22 | |
| 260 च्युववृत्ववव्य वृत्वव्यव्यव्यव्य | 21 |
| 262 < 2105 SEQ ID NO: 23 | |
| 263 -211; LENGTH: 21 | |
| 264 × 2125 TYPE: DNA | |
| 265 - 213: ORGANISM: Artificial Sequence | |
| 267 + 220; FFATURF: | |
| 268 - 223 OTHER INFORMATION: Synthetic olivenuqleotide | |
| | |





RAW SEQUENCE LISTING PATENT APPET MET N US/09/786,436

MAIRS 3/23/2001 TIME: 9 45:25

| _70 - 4dds SEGUENCE: _4 | |
|---|-----|
| _71 | ~ 1 |
| _7 + 0100 SEC 11 NO: 14 | |
| 274 2118 LENGTH, 21 | |
| LTE - MILES TYPE: INA | |
| JTE - 21 s> ORGANISM: Artificial Sequence | |
| 178 - 226 - FERTURE: | |
| 279 - 223 OTHER INFORMATION: Synthetic grademostic of the | |
| 281 - 400 SE 01 NCE 24 | |
| . 1815 तर्ति स्वाप्ति वातास्य विकास । | 21 |
| 284 - 210 SEy ID NO: 25 | |
| 287 + 21 | |
| $286 + 212 - \text{TY} R^{12}$: DNA | |
| 287 - 213 ORGANISM: Artificial Sequence | |
| 289 × 220 - FE (10RF) | |
| 200 -223 OTHER INFORMATION: Synthetic bliquingliebtide | |
| 292 - 100 SEQUENCE 25 | |
| 193 crectating ightiticata t | 21 |
| 295 <210 SEQ ID NO: 25 | |
| 296 ×211 · LEMOTH: 21 | |
| 297 × 212° TYPE; DNA | |
| 298 - 21.5 ORGANISM Artificial Sequence | |
| für <22C FENTURE | |
| 0] +22] OTHER INFORMATION: Synthefic oligonucleotide | |
| 03 < 400 SEQUENCE 26 | |
| .04 ctcctathqt qqttff.cta t | 5.1 |
| 06/4210. SEQ (D NO) 2.7 | |
| 50° × 211. LEMGTH: 21 | |
| -018 - 212 TYFF: DNA | |
| 709 S2172 ORCANISM Artificial Sequence | |
| (1) +22C + FEX.URE | |
| 12 - 22 OTHER INFORMATION: Synthetic oligonucleotide | |
| 14 + 400 SEQUENCE = 27 | |
| -15 charing genthereta n | 21 |
| 1" + 216: SEC 1D NO: 23 | |
| ·18 ·211 LFNGTH: 21 | |
| +19 + 21D TYPE: DNA | |
| →20 ×21 → ORCANISM. Artiticial Sequence | |
| 22 -22(> FE7 TURE) | |
| 23 - 222 OFFER INFORMATION: Synthetic oligonucleotide | |
| 25 + 40C SECUENCE: 28 | |
| 26 efectating ingitteeta t | 2.1 |
| (28 + 210) SEC 1D NO: 24 | |
| 29 ±211: LEEGTH: 21 | |
| :30 <212> TYPE: DNA | |
| -31 <2130 ORGANISM: Artificial Sequence | |
| -33 <220; FFATURE: | |
| 34 - 2235 OTHER INFORMATION: Synthetic oligonucleotide | |
| 36 (400) SEQUENCE: 29 | |
| | |





VERIFICATION SUMMARY
PAIFNI APPLICATION: US/09/786,436

1ATE 03/23/2001 11ME: 09:45 25

Input Set : A:\Seqlist.txt
output Set : N:\CRF3\03232001\1786436.raw

1.10 M,27 to Carrent Application Mumber differs. Replaced Carrent Application No. 1.18 M,271 % Carrent Filing Late differs) Replaced Carrent Filing Date.